

From: [Jay Field](mailto:Jay.Field)
To: Robert.Neely@noaa.gov
Cc: cgsevern@premiercorp-usa.com; [Dan Rutz](mailto:Dan.Rutz); [Benjamin Shorr](mailto:Benjamin.Shorr); [Eric Blischke/R10/USEPA/US@EPA](mailto:Eric.Blischke/R10/USEPA/US@EPA)
Subject: Re: Willamette River watershed database posted - 07/30/08
Date: 07/30/2008 10:11 AM

Rob,
if we're expecting resolution of the carp/bass data in the near term
(next couple of weeks), I recommend waiting until those issues are
resolved.
Jay

Robert.Neely@noaa.gov wrote:

> Hey -- Thanks Corinne. I believe Jay is expecting the stats for the bioassays from LWG soon.
> On the R3 tissue data, turns out there are some potential issues with the carp and bass data
> that EPA is working to resolve with LWG. (Analyses were done on whole body and filets for
> these receptors and it's not clear that the filet results were mathematically recombined with
> the whole body.) So for now we should hold on doing the bass and carp, but the others
> (crayfish, sculpin, etc.) should be OK. Does this create any efficiency problems or
> complications that would make it better to wait until all R3 tissue issues are resolved, or
> can we move ahead with the ones that are ready?

>
> -R

>
> ----- Original Message -----

> From: Corinne Severn <cgsevern@premiercorp-usa.com>
> Date: Wednesday, July 30, 2008 9:51 am
> Subject: Willamette River watershed database posted - 07/30/08

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>
>> Jay/Rob/Ben/Dan -
>> I have posted three new Willamette River files to the NOAA FTP
>> server in the
>> folder named as follows:
>> /ARD/Query_Manager/Data_Files_zipped/Willamette/
>>
>> The files have the following names:
>> WR080729.zip - This file contains all data
>> WRCat1_080729.zip - This file (Nature and Extent) contains any data
>> with "Cat1" in the chemcat field
>> WRQA2Cat1_080729.zip - This file (Risk) contains only data with
>> QA2Cat1classification.
>>
>> There is also a new dictionary file (Dict080729.zip) which contains
>> newestIDs required for the bioassay studies.
>>
>> To the latest version, we have added the Round 3 data from the
>> sedimentcores, co-located sediments (which will correspond to
>> tissue data to be
>> added shortly), and the Round 3 bioassay data with associated sediment
>> chemistry.
>>
>> For the bioassay data, there are several items to be aware of -
>>
>> 1) Currently, there are no results available for the statistic
>> significance for the data. For the interim, we have marked those
>> results where the
>> control-adjusted value is <80% as significant.
>>
>> 2) The tests results for growth for Chironomus dilutus are based on
>> the average individual ash-free biomass in mg from the original
>> laboratory reports (ie., total ash-free dry weight/count of animals
>> at end of test
>> coded as AFDW in lab files).
>> The test results for growth for Hyalella azteca are based on the
>> average individual biomass in mg from the original laboratory
>> reports (ie., total
>> dry weight/count of animals at end of test coded as WT in lab files).
>> These are the same endpoints used for the Round 2 bioassay data for
>> the growth endpoints.
>>
>> 3) An additional growth endpoint was coded from the laboratory
>> bioassay data
>> based on total biomass in mg (TWT for H. azteca and TAFDW for C.
>> dilutus in
>> the original lab files). This result is not divided by the
>> animals, but is
>> the sum of all organism weights for replicate bioassay results
>> (biorep.dbf table) or the average of the total organism weights for
>> all replicates for
>> the mean bioassay results (biosumm.dbf table).

>> Thanks,

>> Corinne

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>> Corinne Severn
>> Premier Environmental Services
>> Ph: 702-255-9685
>> Fax: 888-220-9867
>> Cell: 206-226-9663

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Jay Field
Assessment and Restoration Division
Office of Response and Restoration, NOAA
7600 Sand Point Way NE
Seattle, WA 98115-6349
(P) 206-526-6404
(F) 206-526-6865
(E) jay.field@noaa.gov